

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|---|------------------|---------|------------------|
| L1 | 4601 | 95/149-240.ccls. | US-PGPUB; USPAT | ADJ | ON | 2011/02/14 17:08 |
| L2 | 248 | 560/78.ccls. | US-PGPUB; USPAT | ADJ | ON | 2011/02/14 17:09 |
| L3 | 4849 | 1 or 2 | US-PGPUB; USPAT | ADJ | ON | 2011/02/14 17:09 |
| L4 | 22 | 3 and ((dmt or (dialkyl adj ester) or (dimethyl adj terephthalate) or iso\$2phalic or napthalendicarboxylic) and (glycol or dihydroxyl or \$4butane\$2diol\$2 or \$4diol\$4)).clm. | US-PGPUB; USPAT | ADJ | ON | 2011/02/14 17:11 |
| L5 | 13 | 3 and ((dmt or (dialkyl adj ester) or (dimethyl adj terephthalate) or iso\$2phalic or napthalendicarboxylic) and (glycol or dihydroxyl or \$4butane\$2diol\$2 or \$4diol\$4) and temperature\$2).clm. | US-PGPUB; USPAT | ADJ | ON | 2011/02/14 17:12 |
| L6 | 6 | 3 and ((dmt or (dialkyl adj ester) or (dimethyl adj terephthalate) or iso\$2phalic or napthalendicarboxylic) and (glycol or dihydroxyl or \$4butane\$2diol\$2 or \$4diol\$4) and temperature\$2 and (gas\$4 or vapor\$4)).clm. | US-PGPUB; USPAT | ADJ | ON | 2011/02/14 17:12 |
| S1 | 132 | (95/39).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/12 15:53 |
| S2 | 113 | 95/39.ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/08/12 16:15 |
| S3 | 26 | (95/39.ccls.) and plural\$ | US-PGPUB; USPAT | ADJ | ON | 2009/08/12 16:16 |
| S4 | 34 | (95/39.ccls.) and chamber | US-PGPUB; USPAT | ADJ | ON | 2009/08/12 16:18 |
| S5 | 122 | (95/40,42,187,204,225,228.ccls.) and chamber | US-PGPUB; USPAT | ADJ | ON | 2009/08/12 16:22 |
| S6 | 16 | (95/40,42,187,204,225,228.ccls.) and (chamber\$ with plural\$) | US-PGPUB; USPAT | ADJ | ON | 2009/08/12 16:23 |
| S7 | 1 | DD 145540A | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT | ADJ | ON | 2009/08/13 09:35 |
| S8 | 1 | ("6312503").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/13 14:39 |

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| S9 | 1 | ("5434239").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/13 14:52 |
| S10 | 1 | ("6312503").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/13 16:36 |
| S11 | 1 | ("5434239").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/13 16:36 |
| S12 | 1 | ("5552513").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/13 16:37 |
| S13 | 0 | ("(terephthalicacid,isophthalicacid,2,6-naphthalenedicarboxylicacid)andcool").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/13 16:38 |
| S14 | 0 | (terephthalicacid,isophthalicacid,2,6-naphthalenedicarboxylicacid)andcool | US-PGPUB; USPAT | ADJ | ON | 2009/08/13 16:38 |
| S15 | 0 | (terephthalicacid,isophthalicacid,2,6-naphthalenedicarboxylicacid) | US-PGPUB; USPAT | ADJ | ON | 2009/08/13 16:38 |
| S16 | 0 | (terephthalicacid,isophthalicacid)\ | US-PGPUB; USPAT | ADJ | ON | 2009/08/13 16:39 |
| S17 | 0 | (terephthalicacid,isophthalicacid) | US-PGPUB; USPAT | ADJ | ON | 2009/08/13 16:39 |
| S18 | 38481 | isophthalic acid | US-PGPUB; USPAT | ADJ | ON | 2009/08/13 16:39 |
| S19 | 0 | (isophthalic acid, terephthalic acid) | US-PGPUB; USPAT | ADJ | ON | 2009/08/13 16:39 |
| S20 | 55856 | (isophthalic acid or terephthalic acid) | US-PGPUB; USPAT | ADJ | ON | 2009/08/13 16:40 |
| S21 | 56111 | S20 or 2,6-naphthalenedicarboxylic acid | US-PGPUB; USPAT | ADJ | ON | 2009/08/13 16:40 |
| S22 | 28511 | S21 and (cooling or purif\$) | US-PGPUB; USPAT | ADJ | ON | 2009/08/13 16:41 |
| S23 | 5742 | S21 and (cooling or purif\$) and (dihydroxy) | US-PGPUB; USPAT | ADJ | ON | 2009/08/13 16:42 |
| S24 | 5771 | S21 and (cooling or purif\$) and (dihydroxy or ethylene glycol) | US-PGPUB; USPAT | ADJ | ON | 2009/08/13 16:43 |
| S25 | 4971 | S21 and (cooling or purif\$) and (dihydroxy or ethylene glycol) and (stage or step or zone or space) | US-PGPUB; USPAT | ADJ | ON | 2009/08/13 16:43 |
| S26 | 179 | S21 and (cooling or purif\$) and (dihydroxy or ethylene glycol) and (multistage or multistep or multizone or multispace) | US-PGPUB; USPAT | ADJ | ON | 2009/08/13 16:45 |
| S27 | 0 | S21 WITH (cooling or purif\$) WITH (dihydroxy or ethylene glycol) WITH (multistage or multistep or multizone or multispace) | US-PGPUB; USPAT | ADJ | ON | 2009/08/13 16:47 |

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| S28 | 2 | S21 WITH (cooling or purif\$) WITH (dihydroxy or ethylene glycol) WITH (stage or step or zone or space) | US-PGPUB; USPAT | ADJ | ON | 2009/08/13 16:48 |
| S29 | 5 | "6312503" | US-PGPUB; USPAT | ADJ | ON | 2009/08/13 16:53 |
| S30 | 24 | ("2878107" "3210914" "3432994" "3445182" "3556490" "3739551" "3936281" "3944401" "4110088" "4230819" "4263425" "4340721" "4356299" "5080696" "5434239" "5474597" "5496778" "5660615").PN. OR ("6312503").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/08/13 16:53 |
| S31 | 5 | S30 and ester | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/08/13 16:54 |
| S32 | 13403 | (purify or cool or treat) and (terephthalic acid or isophthalic acid or 2, 6-naphthalenedicarboxylic acid) | US-PGPUB; USPAT | ADJ | ON | 2009/08/14 08:00 |
| S33 | 785 | (purify or cool or treat) SAME (terephthalic acid or isophthalic acid or 2, 6-naphthalenedicarboxylic acid) | US-PGPUB; USPAT | ADJ | ON | 2009/08/14 08:01 |
| S34 | 0 | (purify or cool or treat) SAME (terephthalic acid or isophthalic acid or 2, 6-naphthalenedicarboxylic acid) and (95/39, 40,42,82,85,86,87,88,149,187,204,225,228) | US-PGPUB; USPAT | ADJ | ON | 2009/08/14 08:02 |
| S35 | 0 | (purify or cool or treat) SAME (terephthalic acid or isophthalic acid or 2, 6-naphthalenedicarboxylic acid) and (95/39, 40,42,82,85,86,87,88,149,187,204,225,228. ccls) | US-PGPUB; USPAT | ADJ | ON | 2009/08/14 08:02 |
| S36 | 0 | (purify or cool or treat) SAME (terephthalic acid or isophthalic acid or 2, 6-naphthalenedicarboxylic acid) and (95/39, 40,42,82,85,86,87,88,149,187,204,225,228. ccls) | US-PGPUB; USPAT | ADJ | ON | 2009/08/14 08:03 |
| S37 | 0 | ("2009/0099388").URPN. | USPAT | ADJ | ON | 2009/08/14 08:18 |
| S38 | 0 | ("2008/0275271").URPN. | USPAT | ADJ | ON | 2009/08/14 08:20 |
| S39 | 97686 | (terephthalic or isophthalic or "2-6Naphthalenedicarboxylic") adj acid | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/14 08:43 |
| S40 | 396954 | purif\$7 and cool\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/14 08:44 |

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| S41 | 24569 | dialkyl near10 ester | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/14 08:44 |
| S42 | 150433 | S39 amd S41 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/14 08:45 |
| S43 | 4420 | S39 and S41 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/14 08:45 |
| S44 | 706 | S40 and S43 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/14 08:46 |
| S45 | 0 | ("95.ccls").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/14 08:46 |
| S46 | 0 | "95.ccls" | US-PGPUB; USPAT | ADJ | ON | 2009/08/14 08:46 |
| S47 | 0 | "95"/\$.ccls | US-PGPUB; USPAT | ADJ | ON | 2009/08/14 08:46 |
| S48 | 0 | (95/\$.ccls).OCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/14 08:47 |
| S49 | 0 | (95/40.ccls).OCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/14 08:47 |
| S50 | 0 | 95/40.ccls | US-PGPUB; USPAT | ADJ | ON | 2009/08/14 08:47 |
| S51 | 20808 | ("95").CLAS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/14 08:48 |
| S52 | 0 | ("l9andl16").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/08/14 08:48 |
| S53 | 1 | S44 and S51 | US-PGPUB; USPAT | ADJ | ON | 2009/08/14 08:54 |

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| S54 | 18171 | "95".clas. | US-PGPUB; USPAT | ADJ | ON | 2011/02/01 10:38 |
| S55 | 13 | S54 and (dmt or (dimethyl adj terephthalate)) | US-PGPUB; USPAT | ADJ | ON | 2011/02/01 10:39 |
| S56 | 15 | ("3719720" "3745747" "3755990" "3778968" "3778969" "3823531" "3841060" "4043769" "4265944" "5088913" "5147418" "5219585" "5409513" "5521264" "5533437").PN. OR ("5749944").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2011/02/01 10:40 |
| S57 | 4596 | 95/149-240.ccls. | US-PGPUB; USPAT | ADJ | ON | 2011/02/01 10:56 |
| S58 | 258 | S57 and ester | US-PGPUB; USPAT | ADJ | ON | 2011/02/01 10:57 |
| S59 | 153 | S58 and (glycol or diol or \$4butane\$2diol or (\$4butane adj diol) or (ethylene\$2glycol)) | US-PGPUB; USPAT | ADJ | ON | 2011/02/01 10:58 |
| S60 | 155 | S58 and (glycol\$2 or diol\$2 or \$4butane\$2diol or (\$4butane adj diol) or (ethylene\$2glycol)) | US-PGPUB; USPAT | ADJ | ON | 2011/02/01 10:58 |